

What is claimed is:

- 1 1. An non-lanolin absorption base comprising a white petrolatum and an
2 effective amount of methyl glucose dioleate.
- 1 2. The base of claim 1, wherein a weight percentage of the methyl glucose
2 dioleate based on the total weight of the base is up to 20.0%.
- 1 3. The base of claims 1 or 2, further comprising a preservative system added
2 to the base.
- 1 4. The base of claim 3, further including an effective amount of water.
- 1 5. The base of claims 1-4, further including an effective amount of
2 hydrocortisone or hydrocortisone salts.
- 1 6. A method of making an absorption base comprising:
2 a) heating white petrolatum up to 80°C; and
3 b) adding an effective amount of methyl glucose dioleate to the white
4 petrolatum and mixing the two components together to form the absorption base.
- 1 7. The method of claim 6, further comprising adding a preservative system to
2 the absorption base to form a preservative system-containing absorption base.
- 1 8. The method of claim 7, further comprising diluting the preservative
2 system-containing absorption base with water preheated to up to 50°C to form an
3 emulsified absorption base.

1 9. The method of claims 6-8, further including adding an effective amount of
2 a hydrocortisone or a hydrocortisone salt to the base.

1 10. A non-lanolin based absorption base comprising a white petrolatum and
2 an effective amount of a non-lanolin based emulsifier that fall within the range of 3 HLB
3 units of the HLB value of petrolatum (HLB 4).

1 11. The base of claim 10, wherein the emulsifier is a glucose-derived emulsifier.

1 12. The base of claim 11, wherein the emulsifier is methyl glucose dioleate.

1 13. The base of claim 12, wherein the emulsifier has a concentration range in the
2 base of between 0.5 and 20% by weight.

1 14. The base of claim 10, further comprising a preservative system added to
2 the base.

1 15. The base of claims 10-14, further including an effective amount of water.

1 16. The base of claims 10-15, further including an effective amount of
2 hydrocortisone or hydrocortisone salts.

1 17. A method of making an absorption base comprising:
2 a) heating white petrolatum up to 80°C; and
3 b) adding an effective amount of the emulsifier of claim 10 to the white
4 petrolatum and mixing the two components together to form the absorption base.

1 18. The method of claim 17, further comprising adding a preservative system

2 to the absorption base to form a preservative system-containing absorption base.

1 19. The method of claim 18, further comprising diluting the preservative
2 system-containing absorption base with water preheated to up to 50°C to form an
3 emulsified absorption base.

1 20. The method of claims 17-19, further including adding an effective amount
2 of a hydrocortisone or a hydrocortisone salt to the base.

1 21. The method or base of claims 3, 7, 14, and 18 wherein the preservative
2 system is DMDM hydantoin (and) Iodo propynyl butyl carbamate.